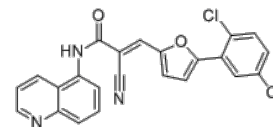


Product Name : AGK2
Cat. No. : PC-38543
CAS No. : 304896-28-4
Molecular Formula : C₂₃H₁₃Cl₂N₃O₂
Molecular Weight : 434.3
Target : Sirtuin
Solubility : 10 mM in DMSO



Biological Activity

AGK2 is a cell-permeable, selective inhibitor of **SIRT2** with IC₅₀ of 3.2 μM, shows minimally affects either SIRT1 or SIRT3 at 10-fold higher levels.

AGK2 rescued alpha-synuclein toxicity and modified inclusion morphology in a cellular model of Parkinson's disease, mimicking the effect of siRNA-mediated blockade of SIRT2 expression.

References

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Kumar V, et al. **Eur J Biochem**. 2000 Jan;267(2):606-15.

Giammona LM, et al. **Exp Hematol**. 2009 Nov;37(11):1340-1352.e3.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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